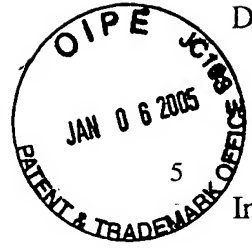


Docket No.: 42P14911



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Abdallah et al.

Serial No.: 10/636,146

Filed: 8/6/03

Title: VIRTUAL PREDICTION FOR CONTROL  
REGISTERS IN A SPECULATIVELY  
EXECUTING MACHINE

Examiner: Not yet assigned

Art Unit: Not yet assigned

**REQUEST FOR CORRECTION OF INVENTORSHIP: 37 CFR § 1.48**

10 Hon. Commissioner of  
Patent & Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

15 Applicant respectfully requests correction of inventorship as detailed below.

## REMARKS

In accordance with 37 CFR § 1.48(a), Applicant submits herewith:

- 5           (1) A request to correct the inventorship that sets forth the desired inventorship change;
- (2) A statement from each person being added as an inventor and from each person being  
              deleted as an inventor that the error in inventorship occurred without deceptive  
              intention on his or her part;
- 10           (3) An oath or declaration by the actual inventor or inventors as required by § 1.63 or as  
              permitted by §§ 1.42, 1.43 or § 1.47;
- (4) The processing fee set forth in § 1.17(i); and
- (5) If an assignment has been executed by any of the original named inventors, the  
              written consent of the assignee (see § 3.73(b) of this chapter).

15           (1) Request to correct inventorship

              Please change the inventorship of the above captioned patent application to add  
Robert L. Farrell. The new inventor list is:

20                               Mohammad Abdallah  
                                  Mitchell Diamond  
                                  Robert L. Farrell  
                                  David B. Jackson  
                                  Kip A. Baumann  
                                  Ki W. Yoon  
25                               Rafi M. Saied

(2) Statement from each person being added as an inventor

              Please see STATEMENT OF ROBERT L. FARRELL provided herewith.

30           (3) Oath or Declaration by Actual Inventors

              Please see DECLARATION AND POWER OF ATTORNEY provided herewith.

(4) Processing Fee

Please note included check. If there is a deficiency in fees, please charge our  
Deposit Acct. No. 02-2666

5      (5) Written Consent of Assignee

See CONSENT OF ASSIGNEE TO CHANGE OF INVENTORSHIP provided  
herewith.

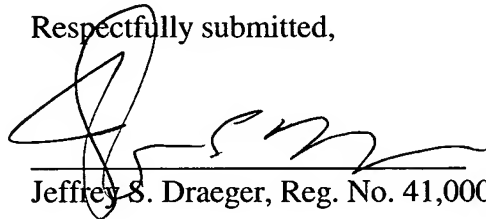
If there is a deficiency in fees, please charge our Deposit Acct. No. 02-2666.

10

Respectfully submitted,

Date:

12/29/2004

  
Jeffrey S. Draeger, Reg. No. 41,000

15

12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, CA 90025-1026  
20      (408) 720-8598



**FIRST CLASS CERTIFICATE OF MAILING**  
**(37 C.F.R. § 1.8(a))**

5 I hereby certify that this correspondence is being deposited with the United States Postal Service  
as first class mail with sufficient postage in an envelope addressed to the Commissioner of  
Patents and Trademarks, ~~Washington, D.C. 20231~~ CW. POBox 1450, Alexandria, VA 22313-1450

on January 3, 2005  
Date of Deposit

10

Conny Willesen

Name of Person Mailing Correspondence

15

Conny Willesen  
Signature

1/3/05  
Date



**FIRST CLASS CERTIFICATE OF MAILING**  
**(37 C.F.R. § 1.8(a))**

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on January 3, 2005  
Date of Deposit

*22313-1450*

10

Conny Willesen

Name of Person Mailing Correspondence

15

*Conny Willesen*  
Signature

1/3/05

Date



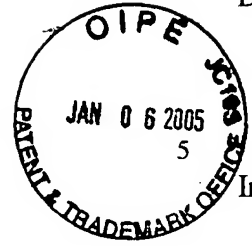
**FIRST CLASS CERTIFICATE OF MAILING**  
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on January 3, 2005 22313-1450  
Date of Deposit

10 Conny Willesen  
Name of Person Mailing Correspondence

15 Conny Willesen 01-03-2005  
Signature Date

Docket No.: 42P14911



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of:

Abdallah et al.

Serial No.: 10/636,146

Filed: 8/6/03

Title: VIRTUAL PREDICTION FOR CONTROL  
REGISTERS IN A SPECULATIVELY  
EXECUTING MACHINE

)  
)  
)  
)  
) Examiner: Not yet assigned  
)  
) Art Unit: Not yet assigned  
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)  
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)

**CONSENT OF ASSIGNEE TO CHANGE OF INVENTORSHIP**

10 Hon. Commissioner of  
Patent & Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

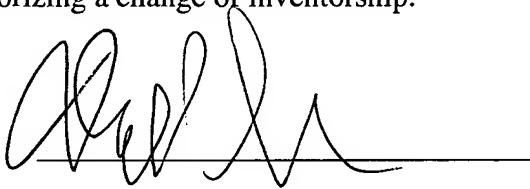
Dear Sir:

15 Applicant respectfully hereby provides a statement of ownership and a statement  
of consent of the assignee for a change in inventorship for the above referenced  
application.

Intel Corporation is the assignee of application serial number 10/636,146, as is  
established by the assignment to Intel Corporation recorded at the Patent Office at reel  
20 014886, frame(s) 0105 (5 pages) on 1/15/2004.

Intel Corporation, assignee of U.S. Patent Application No. 10/636,146, consents to the change of inventorship of U.S. Patent Application No. 10/636,146 and consequently consents to the filing of this request for a change in inventorship.

As Chief Patent Counsel for Intel Corporation, I am empowered to sign a submission establishing ownership interest in a patent for Intel Corporation and authorizing a change of inventorship.



David M. Simon  
Chief Patent Counsel  
Intel Corporation

12/30/04

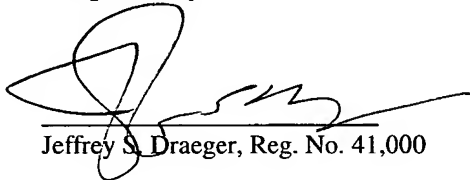
Date

If there is a deficiency in fees, please charge our Deposit Acct. No. 02-2666.

Respectfully submitted,

Date:

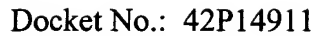
12/29/2004



Jeffrey S. Draeger, Reg. No. 41,000

12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, CA 90025-1026  
(408) 720-8598





## 5

Abdallah et al.

Serial No.: 10/636,146

Filed: 8/6/03

**Title: VIRTUAL PREDICTION FOR CONTROL  
REGISTERS IN A SPECULATIVELY  
EXECUTING MACHINE**

Examiner: Not yet assigned

Art Unit: Not yet assigned

**STATEMENT OF ROBERT L. FARRELL**

10 Hon. Commissioner of  
Patent & Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT OF ROBERT L. FARRELL**

1. An error in inventorship occurred for the above referenced patent application  
5 in that I mistakenly omitted as an inventor.


2. This error in inventorship occurred without deceptive intent on my part.

3. I hereby declare that all statements made herein of my own knowledge are true  
10 and that all statements made on information and belief are believed to be true; and further  
that these statements were made with the knowledge that willful false statements and the  
like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and  
that such willful false statements may jeopardize the validity of the application or any  
patent issued thereon.

15

Respectfully submitted,

Date: 4/29/2004

  
Robert L. Farrell

20

12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, CA 90025-1026  
25 (408) 720-8598



Attorney's Docket No.: 42P14911

Patent

First Named Inventor: \_\_\_\_\_

Check One:

- ☐ Declaration Submitted with  
Initial Filing OR  
☒ Declaration Submitted After  
Initial Filing (Surcharge under  
37 C.F.R. § 1.16(e) Required).

Complete If Known:

Application No.: 10/636,146  
Filing Date: 08-06-2003  
Art Unit: \_\_\_\_\_  
Examiner Name: \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**  
**(FOR INTEL CORPORATION PATENT APPLICATIONS)**

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Virtual Prediction for Control Registers in a Speculatively Executing Machine

the specification of which

X is attached hereto.  
X was filed on (MM/DD/YYYY) 08/06/2003 as  
United States Application Number 10/636,146  
or PCT International Application Number \_\_\_\_\_  
and was amended on (MM/DD/YYYY) \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed?</u>		<u>Certified Copy Attached?</u>	
<u>(Number)</u>	<u>(Country)</u>	<u>(Foreign Filing Date - MM/DD/YYYY)</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>
<u>(Number)</u>	<u>(Country)</u>	<u>(Foreign Filing Date - MM/DD/YYYY)</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>
<u>(Number)</u>	<u>(Country)</u>	<u>(Foreign Filing Date - MM/DD/YYYY)</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>
<u>(Number)</u>	<u>(Country)</u>	<u>(Foreign Filing Date - MM/DD/YYYY)</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>

**Direct all correspondence to (check one):**

**X\_ Correspondence Address Below:**

-2-

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Mohammad A. Abadallah

Inventor's Signature  Date 4.29.04

Residence Folsom, California, U.S.A. Citizenship Palestine  
(City, State, Country) (Country)

Mailing Address 104 Austin Drive  
Folsom, California 95630

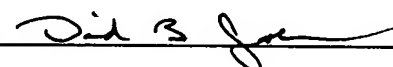
Full Name of Second/Joint Inventor Mitchell Diamond

Inventor's Signature  Date 4/29/04

Residence Folsom, California, U.S.A. Citizenship U.S.A.  
(City, State, Country) (Country)

Mailing Address 1333 Copping Way  
Folsom, California 95630

Full Name of Third/Joint Inventor David B. Jackson

Inventor's Signature  Date 5/10/04

Residence Folsom, California, U.S.A. Citizenship U.S.A.  
(City, State, Country) (Country)

Mailing Address 1356 Hartley Way  
Folsom, California 95630

Full Name of Fourth/Joint Inventor Kip A. Baumann

Inventor's Signature *Kip Baumann* Date 4/30/04

Residence Folsom, California, U.S.A. Citizenship U.S.A.  
(City, State, Country) (Country)

Mailing Address 1005 Doc Day Court  
Folsom, California 95630

Full Name of Fifth/Joint Inventor Ki W. Yoon

Inventor's Signature *Ki Yoon* Date 5/28/04

Residence Folsom, California, U.S.A. Citizenship U.S.A.  
(City, State, Country) (Country)

Mailing Address 980 Patrick Circle  
Folsom, California 95630

Full Name of Sixth/Joint Inventor Rafi M. Saied

Inventor's Signature *Rafi Saied* Date 5/3/04

Residence Folsom, California, U.S.A. Citizenship India  
(City, State, Country) (Country)

Mailing Address 1850 Dysart Way  
Folsom, California 95630

Full Name of Seventh/Joint Inventor Robert L. Farrell

Inventor's Signature *Robert L. Farrell* Date 4/24/2004

Residence Gold River, CA USA Citizenship USA  
(City, State, Country) (Country)

Mailing Address 2167 Promontory Pt Ln  
Gold River, CA 95670

## APPENDIX A

Ramin Aghevli, Reg. No. 43,462; William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Thomas M. Coester, Reg. No. 39,637; Florin A. Corie, Reg. No. 46,244; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 36,374; Adam Furst, Reg. No. 51,710; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Melissa A. Haapala, Reg. No. 47,622; Alan E. Heimlich, Reg. No. 48,808; James A. Henry, Reg. No. 41,064; William E. Hickman, Reg. No. 46,771; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W. Hoover II, Reg. No. 32,992; Libby H. Hope, Reg. No. 46,774; Eric S. Hyman, Reg. No. 30,139; Aslam A. Jaffrey, Reg. No. 51,841; William W. Kidd, Reg. No. 31,772; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steve Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Julio Loza, Reg. No. 47,758; Joseph Lutz, Reg. No. 43,765; Lawrence E. Lycke, Reg. No. 38,540; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Richard A. Nakashima, Reg. No. 42,023; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Gregg A. Peacock, Reg. No. 45,001; Philip A. Pedigo, Reg. No. 52,107; Marina Portnova, Reg. No. 45,750; Joseph A. Pugh, Reg. No. 52,137; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Saina S. Shamilov, Reg. No. 48,266; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Torn, Reg. No. 52,291; John F. Travis, Reg. No. 43,203; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and William J. Daley, Reg. No. P-52,471; Brent E. Vecchia, Reg. No. 48,011, and Lehua Wang, Reg. No. 48,023; my patent agents, of BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (408) 720-8300, and Alan K. Aldous, Reg. No. 31,905; Shireen I. Bacon, Reg. No. 40,494; R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert A. Burtzlaff, Reg. No. 35,466; Glen B. Choi, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg. No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Jeffrey B. Huter, Reg. No. 41,086; John Kacvinsky, Reg. No. 40,040; Seth Z. Kalson, Reg. No. 40,670; Peter Lam, Reg. No. 44,855; Issac T. Lin, Reg. No. 50,672; David C. Lundmark, Reg. No. 42,815; Anthony Martinez, Reg. No. 44,223; Paul Nagy, Reg. No. 37,896; Dennis A. Nicholls, Reg. No. 42,036; Leo V. Novakoski, Reg. No. 37,198; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 36,381; Thomas C. Reynolds, Reg. No. 32,488; Crystal D. Sayles, Reg. No. 44,318; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Paul E. Steiner, Reg. No. 41,326; David Tran, Reg. No. 50,804; Calvin E. Wells, Reg. No. 43,256; Michael Willardson, Reg. No. 50,856; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; and Charles K. Young, Reg. No. 39,435; my patent attorneys, and George Chen, Reg. No. 50,807; Issac Lin, Reg. No. 50,672; Larry Mennemeier, Reg. No. 51,003; and Lanny Parker, Reg. No. 44,281; my patent agents, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney.